

FIG. 7

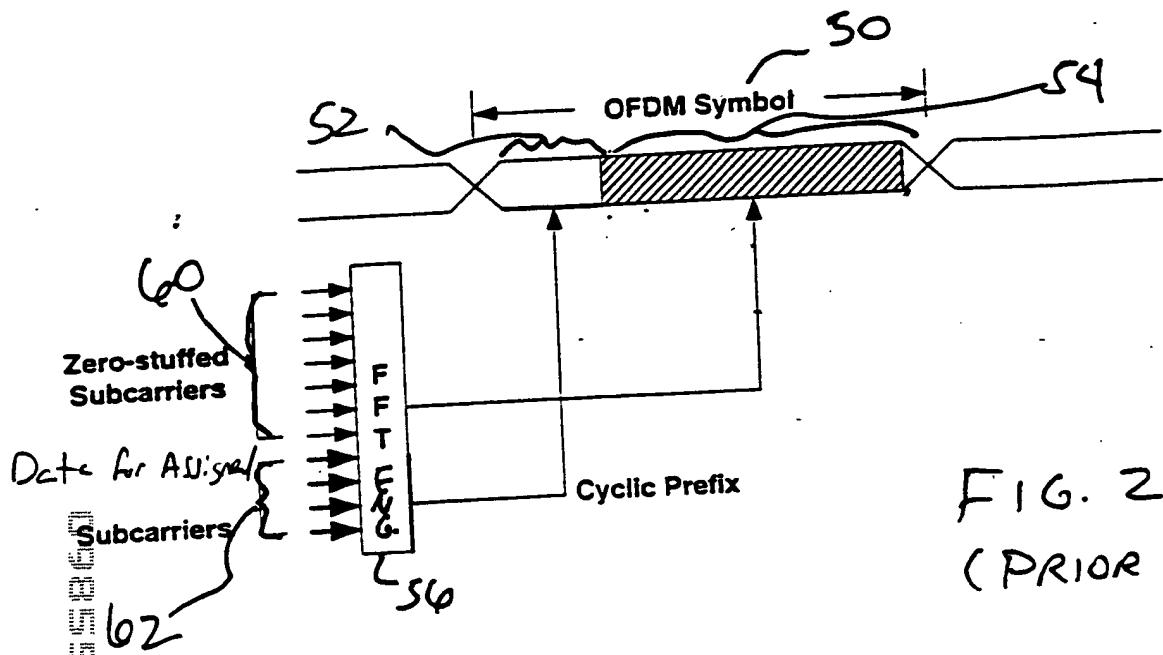


FIG. 2  
(PRIOR ART)

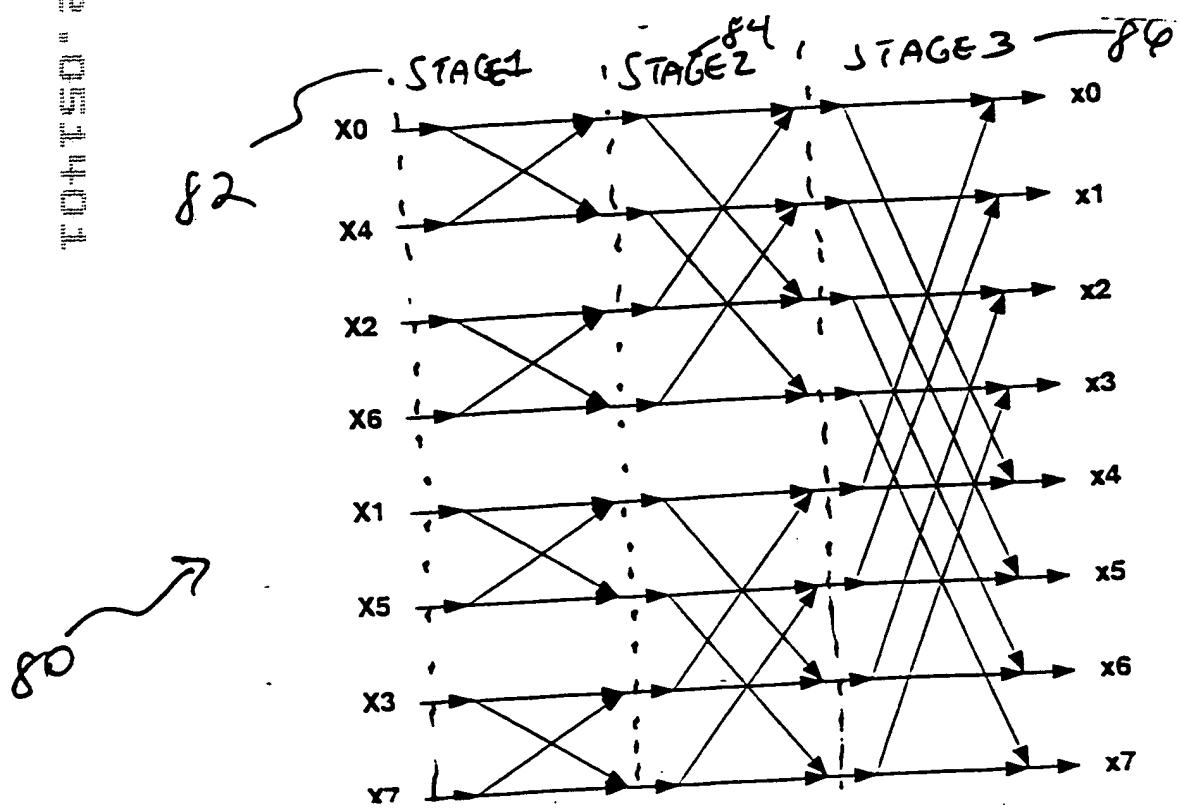


FIG. 3  
(PRIOR ART)

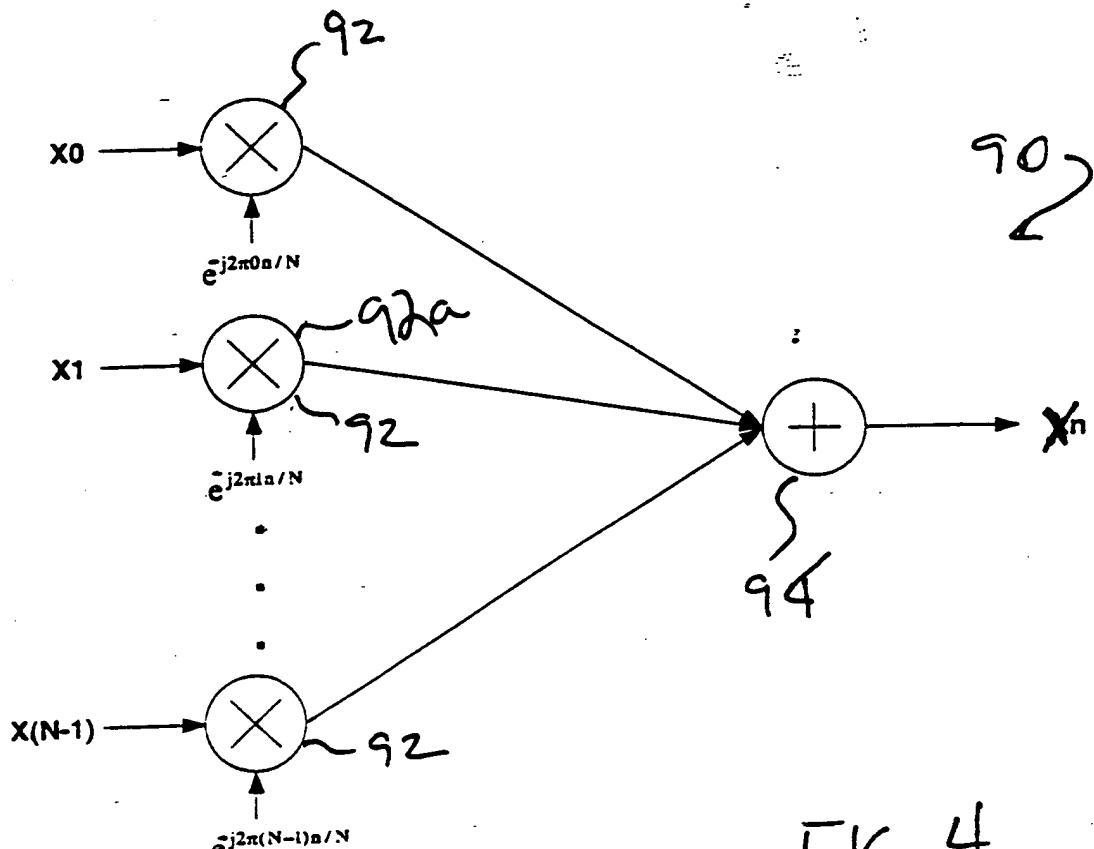


FIG. 4

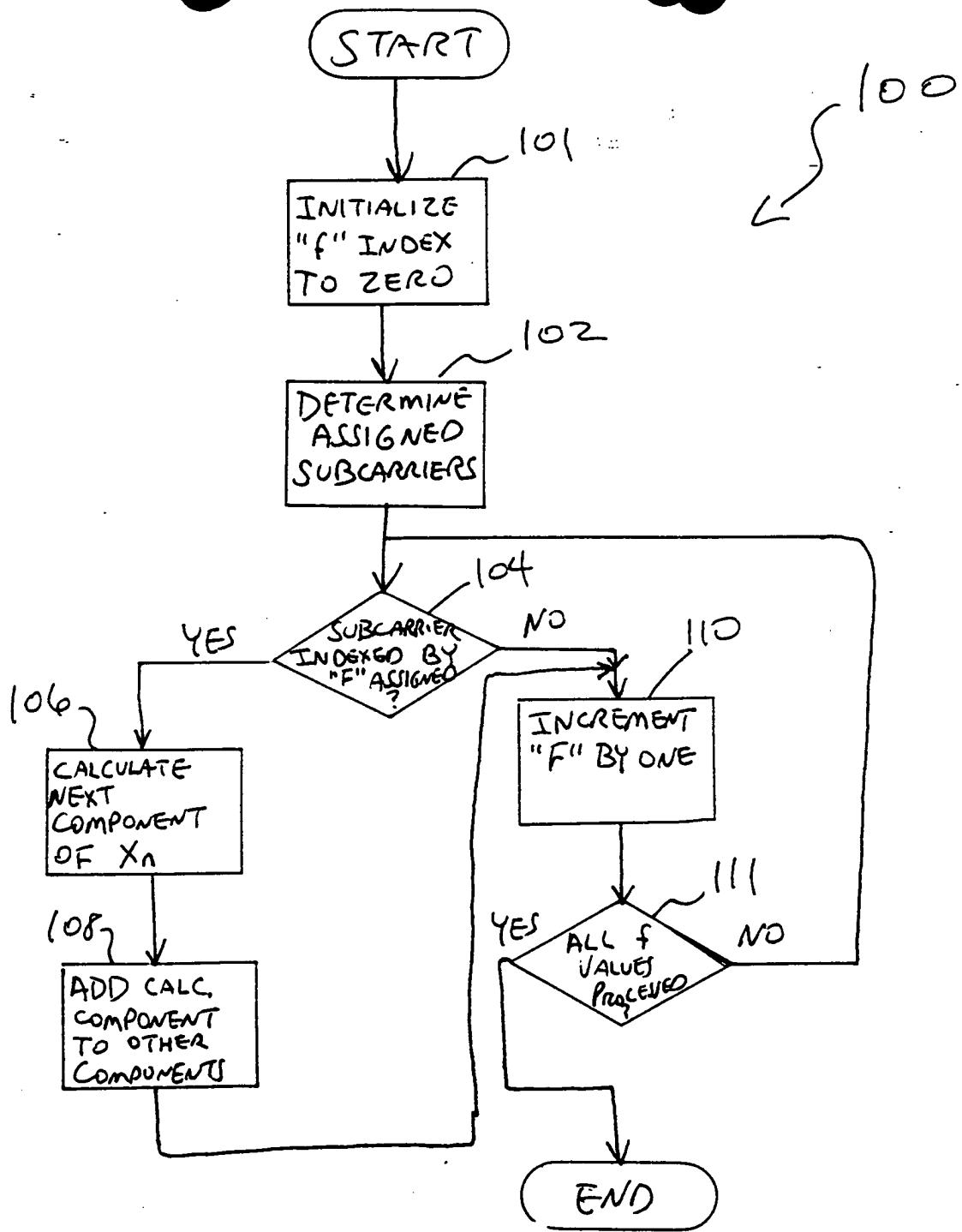


FIG. 5

Total No. of Subcarriers (N)	Processing required for FFT $N \log_2(N)$	Equivalent Subcarriers using DFT
16	64	4
32	160	5
64	384	6
128	896	7
256	2048	8
512	4608	9
1024	10240	10
2048	22530	11
4096	49150	12

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FIG. 4

Graph showing the real and imaginary parts of  $C_1$  and  $C_3$  as a function of a parameter. The x-axis is labeled with values 150, 152, 151, 154, and 156. The y-axis ranges from -1 to 1. The legend indicates:

- $\text{Re}(C_1)$  (solid line)
- $\text{Im}(C_1)$  (dotted line)
- $\text{Re}(C_3)$  (solid line)
- $\text{Im}(C_3)$  (dashed line)

FIG. 9

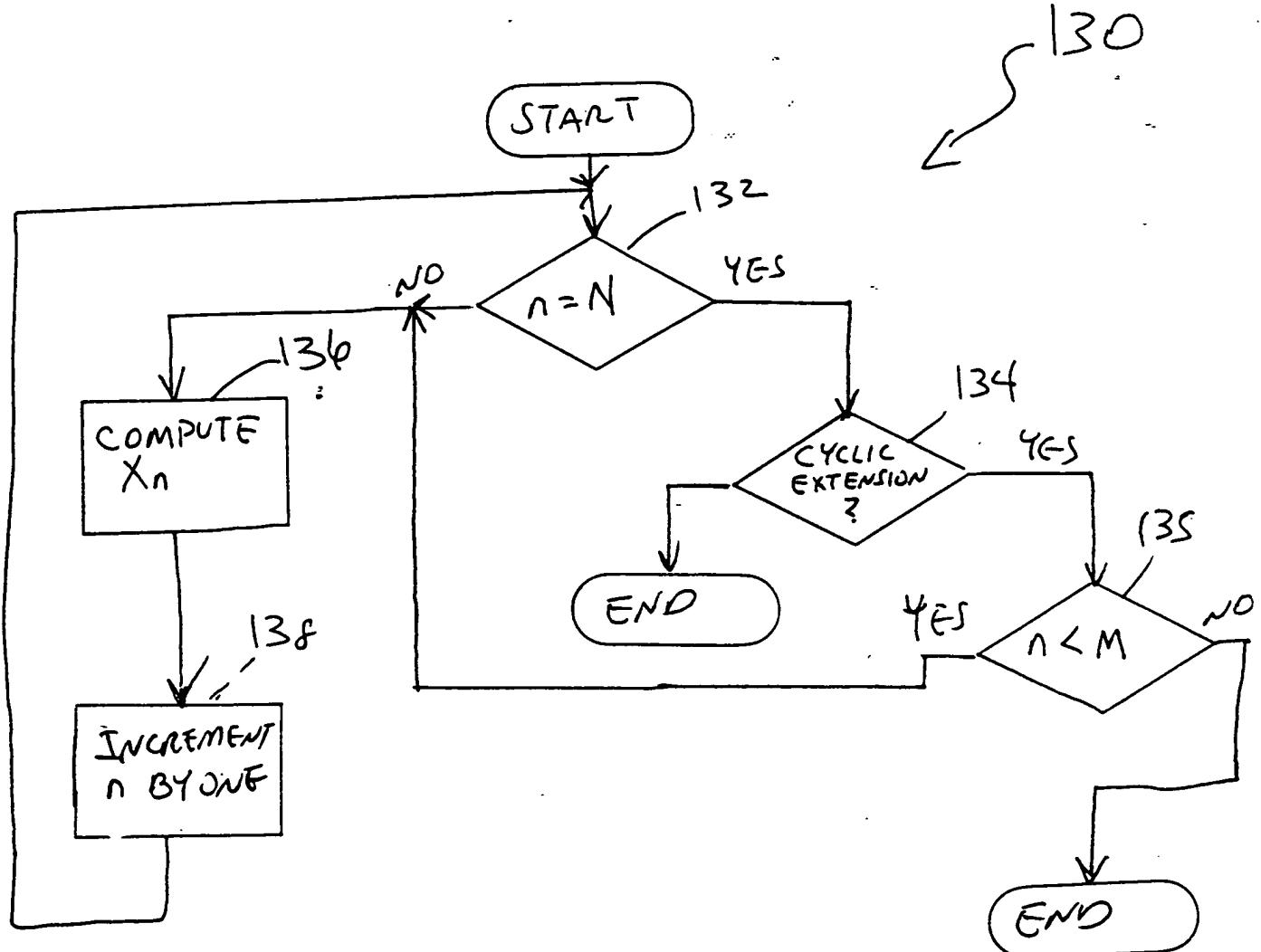


FIG. 8

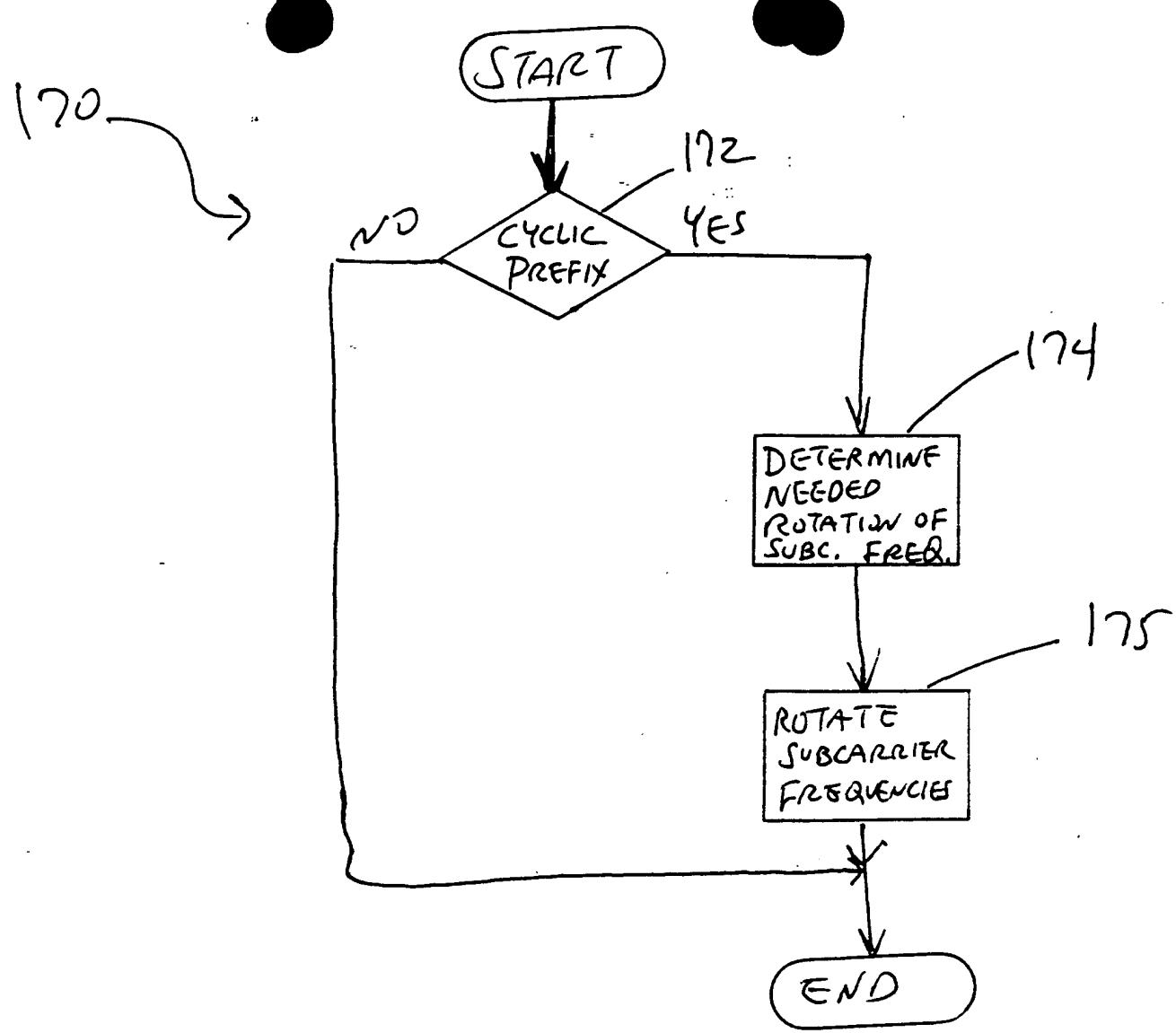


FIG. 10

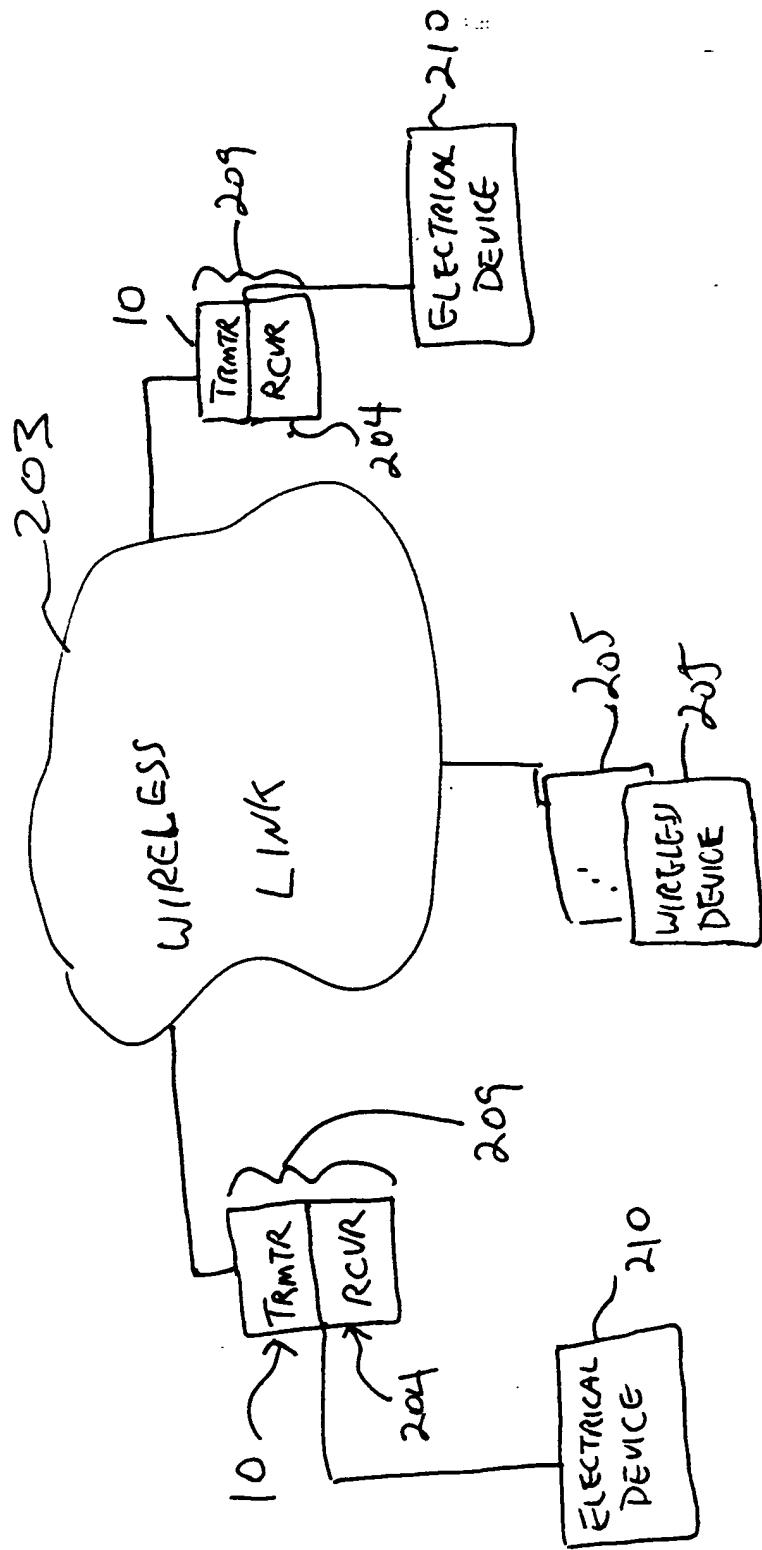


FIG. 11